

AMENDMENTS TO THE CLAIMS

1. (Original) A method of routing calls in a communications network comprising the steps of:

at a first network node, receiving location information relating to a subscriber originating a call;

at said first network node, determining initial routing information based on said location information;

sending said location information from said first network node to a second network node;

at said second network node, determining updated routing information based on said location information;

sending said updated routing information from said second network node to said first network node; and

at said first network node, routing said call based on said updated routing information.

2. (Original) A method as claimed in claim 1, further comprising the step of:
indicating to said second network node that said first network node is capable of receiving said updated routing information.

3. (Original) A method as claimed in claim 1, further comprising the step of:
sending said initial routing information from said first network node to said second network node.

4. (Currently Amended) A method as claimed in claim 1, wherein said initial routing information includes an initial North American Emergency Service Routing Key (NA-ESRK).

5. (Currently Amended) A method as claimed in claim 1, wherein said updated routing information includes an updated North American Emergency Service Routing Key (NA-ESRK).

6. (Currently Amended) A method of location based routing ~~elaimed in claim 1~~ comprising the steps of:

at a first network node, receiving location information relating to a subscriber originating a call;

at said first network node, determining initial routing information based on said location information;

sending said location information from said first network node to a second network node;

at said second network node, determining updated routing information based on said location information;

sending said updated routing information from said second network node to said first network node; and

at said first network node, routing said call based on said updated routing information.

7. (Original) A method as claimed in claim 1, wherein said call is an emergency call.

8. (Original) A method as claimed in claim 1, wherein said first network node is a Mobile services Switching Centre.

9. (Original) A method as claimed in claim 1, wherein said second network node is a Gateway Mobile Location Centre.

10. (Original) A method as claimed in claim 9, wherein said Gateway Mobile Location Centre includes a Zonal Database.

11. (Original) A method as claimed in claim 9, further comprising the step of:
at said Gateway Mobile Location Centre, communicating with a Zonal Database to determine said updated routing information.

12. (Currently Amended) A computer ~~program for performing the method as~~
~~claimed in claim 1~~ readable medium carrying computer executable instructions, which are
arranged to control a communications network to carry out a method of routing calls, the method
comprising the steps of:

at a first network node, receiving location information relating to a subscriber
originating a call;

at said first network node, determining initial routing information based on said
location information;

sending said location information from said first network node to a second
network node;

at said second network node, determining updated routing information based on
said location information;

sending said updated routing information from said second network node to said first network node; and

at said first network node, routing said call based on said updated routing information.

13. (Currently Amended) A memory storage device having stored therein a computer program as ~~claimed in claim 12~~ stored in machine readable form, the computer program being arranged to control a communications network to carry out a method of routing calls, the method comprising the steps of:

at a first network node, receiving location information relating to a subscriber originating a call;

at said first network node, determining initial routing information based on said location information;

sending said location information from said first network node to a second network node;

at said second network node, determining updated routing information based on said location information;

sending said updated routing information from said second network node to said first network node; and

at said first network node, routing said call based on said updated routing information.

14. (Cancelled).

15. (Original) A method of routing a call at a node in a communications network, said method comprising the steps of:

receiving location information relating to a subscriber originating a call;

determining initial routing information based on said location information;

transmitting said location information to a second node; requesting updated routing information from said second node;

receiving updated routing information from said second node; and routing said call based on said updated routing information.

16. (Original) A method as claimed in claim 15, further comprising the step of:

determining that said call is an emergency call.

17. (Currently Amended) A computer ~~program for performing the method as claimed in claim 15~~ readable medium carrying computer executable instructions, which are arranged to control a communications network to carry out a method of routing a call, the method comprising the steps of:

receiving location information relating to a subscriber originating a call;

determining initial routing information based on said location information;

transmitting said location information to a second node; requesting updated routing information from said second node;

receiving updated routing information from said second node; and routing said call based on said updated routing information.

18. (Original) A method of updating routing information within a communications network, said method comprising the steps of:

at a network node, receiving location information relating to a subscriber originating a call and a request for updated routing information for said call from a second network node;

determining said updated routing information based on said location information;

transmitting said updated routing information to said second network node.

19. (Original) A method as claimed in claim 18, further comprising the steps of:

determining whether said updated routing information is required; and

transmitting one of said updated routing information and a no update required message to said second network node.

20. (Currently Amended) ~~A computer program for performing the method as claimed in claim 18~~ readable medium carrying computer executable instructions, which are arranged to control a communications network to carry out a method of updating routing information, the method comprising the steps of:

at a network node, receiving location information relating to a subscriber originating a call and a request for updated routing information for said call from a second network node;

determining said updated routing information based on said location information;

transmitting said updated routing information to said second network node.

21. (Original) A node in a communications network comprising:

a receiver arranged to receive location information relating to a subscriber originating a call from a second node and a request for updated routing information for said call;

a processor arranged to determine said updated routing information based on said location information; and

a transmitter arranged to send said updated routing information to said second node.

22. (Original) A node as claimed in claim 21, wherein said processor is

physically separated from said node, said node further comprising:

communication links to said processor.

23. (Original) A node in a communications network comprising:

a transmitter arranged to send location information relating to a subscriber originating a call to a second node;

a processor for determining initial routing information for said call based on said location information;

a receiver arranged to receive updated routing information from said second node;

and a router arranged to route said call based on said updated routing information.

24. (Original) A node as claimed in claim 23, wherein said transmitter is

further arranged to indicate to said second node that said node is capable of receiving said updated routing information.

25. (Original) A communications network comprising a node according to claim 21.

26. (Original) A signal for sending information from a first node to a second node in a communications network, said signal comprising:

location information for a subscriber; and

an indicator that said first node is capable of receiving updated routing information based on said location information.